

BRUHATH BENGALURU MAHANAGARA PALIKE
Yelahanka Division, Yelahanka Zone

Executive Engineer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/07/2016-17 Dated: 27-02-2017

APPROVED TENDER SCHEDULE -'B'

Item No: 42

Name of Work:- Drilling of borewells and providing pipeline @ Ambedkar Naagara, Kanaka Nagara, Allalsandra, LBS Nagara and BBMP Sub Division office in ward no 04

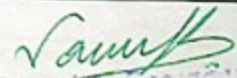
Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri K S CHOWDAREDDY	
				Rate	Rate in Words
1	Geophysical investigations of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or PWSS by vertical electrical sounding by adopting verner or schlumbergers method. Including reconnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users indicating the locations of site, recommended depth of casing pipe required to seal the top unconsolidated formation for proper depth of 1 meter in consolidating formation for proper seating of casing pipe depth of drilling required to cover full depth of aquifer proposed to be trapped propable yield and other information required including transportation of instrument and accessories to the work site, engaging technical personal and labour required (P-47. Item No 9 4)	No	5 ✓	1938.00	Rueeps one thousand nine hundred thity eight only
2	Sinking of borewell of 165mm dia clear, using super fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above all strata including over burden up to 20m fixing of casing pipe, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipe, collers, cap) P-47. Item No.9 1) PRED SR 2012-13	Rmtr			
1	0 00 to 50.00 mtrs				
2	50 00 to 100 00 mtrs		250.00 ✓	300.00	Rupees three hundred only
3	100.00 to 150.00 mtrs		250.00 ✓	400.00	Rupees four hundred only
4	150.00 to 200.00 mtrs		250.00 ✓	400.00	Rupees four hundred only
5	200 00 to 250 00 mtrs		250.00 ✓	400.00	Rupees four hundred only
6	250 00 to 300 mtrs		250.00 ✓	500.00	Rupees five hundred only
7	300 00 to 350 mtrs		250.00 ✓	600.00	Rupees six hundred only
			250.00	600.00	Rupees six hundred only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Approved Rates	Sri K S CHOWDAREDDY
				Rate	Rate in Words
3	Supply of ISI mark 175mm nominal bore plain end steel casing pipe grade of steel feet 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendment electric resistance welded tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. the tubes shall be reasonably straight should be with ISI marking weighing 25.10 kg/mtr (inclusive of all taxes duties) price include collar-medium duty) P-III. Item No.84)	Rmtr	350.00	1200.00	Rupees one thousand two hundred only
4	Providing 250mm dia PVC pipe 6kg/cm SE Approved Rates	Rmtr	90.00	700.00	Rupees seven hundred only
5	Providing and Supplying 175 mm dia MS cap (as per PREC SR 2012-13) etc complete as per specification	No's	5.00	100.00	Rupees one hundred only
6	Supply and delivery of submersible pump sets suitable for borewell of 165 mm dia with specified duty conditions as detailed below and satisfying performance characteristics for pump and motor specified in BIS with ISI mark with a minimum efficiency of 42% pump shall confirm to IS 8034/2002 and motor conforming to IS 9283/1995 with ISI certification with latest amendments for the following 1.0 HP/75KW ATALANTA/SUGUNA/CRI/KIRLOSKAR /OTHER EQUIVALENT PUMPS (page no XXXXII / SI No.33 Code No.2)2015-16	No's	5.00	70600.00	Rupees seventy thousand six hundred only
7	Supplying of ISI marked galvanized mild steel tube (continuously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaded at one end and the other end protected as per specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendment 1-5 and with all its latest amendments if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008	Rmtr	1600.00	340.00	Rupees three hundred forty only
	For existing borewell ward -3		600.00	350.00	Rupees three hundred fifty only
a	Heavy Duty Collar 50 mm dia	Nos	215.00	130.00	Rupees one hundred thirty only
9	Supplying and drawing 3 crore flat PVC submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 to IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts.)P No.49/It.No.29c(1) 2.5sqm of 36 strands 0.3mm dia group-A KPV/D Electrical SR 2014-15	Rmtr	3250.00	150.00	Rupees one hundred fifty only
	For existing borewell ward -3		100.00	188.00	Rupees one hundred eighty eight only
10	Labour charges for erection as new /repaired submersible pumpset allong with GI pipe (32/50mm) cable (new submersible pumpset if required will be supplied by the department free of cost and released pumpset should be handed over to department including transportation (Each lenth =6.00) Page No. 558, Items No-3 BWSSB SR for 2014-15 ; (4,270/6)=180.00	Per Length	900	70.00	Rupees seventy only
11	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., P No. 44 'I No. 6.6.6 KPWD Electrical SR 2014-15	Each	5	250.00	Rupees two hundred fifty only

Sl. No.	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri K S CHOWDAREDDY	
				Rate	Rate in Words
12	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) conforming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & conforming to GTP of GROUP-A P No. 55/ I No. 7.4.4 4 core 16 Sqmm KPWD Electrical SR	Mtr	150.00	100.00	Rupees one hundred only
13	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct P No. 61 / I No. 7.8.1 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15	Mtr	150.00	10.00	Rupees ten only
14	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. (As per Civil SR KSRB I-2, P-7) P No. 61 / I. No. 7.9.3 KPWD Electrical SR 2014-15	Mtr	125.00	80.00	Rupees eighty only
15	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV P. No. 62 / I No. 7.12.1 KPWD Electrical SR 2014-15	Mtr	20.00	300.00	Rupees three hundred only
16	Supplying and fixing L.T. cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No. 62 / I. No. 7.13.2 KPWD Electrical SR	No.	5.00	200.00	Rupees two hundred only
17	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, (P No. 55, I No. 7.1) KPWD Electrical SR	No	5	2727.00	Rupees two thousand seven hundred twenty seven only
18	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. P No. 44 / I No. 6.7.2 KPWD Electrical SR 2014-15	No.	30	180.00	Rupees one hundred eighty only
19	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 Page No. 90 Item No. 13.55 / PWD SR 2016-17	Nos	5	1580.00	Rupees one thousand five hundred eighty only
20	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete 50 mm dia P. No. 92 / I. No. 13.81.3 PWD SR 2016-17	No	5	277.00	Rupees two hundred seventy seven only
21	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete	No	20	80.00	Rupees eighty only
22	Supplying shunt capacitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications	No	5	350.00	Rupees three hundred fifty only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor	
				Approved Rates Sri K S CHOWDAREDDY	Rate in Words
23	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required conforming to IEC 60898. 5-32Amps TPN P No. 47 / I No.6.16.5 KPWD SR 2014-15	No	5	1547.00	Rupees one thousand five hundred forty seven only
24	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete P.No. 49, I. No. 6.40.2 KPWD Electrical SR 2014-15	Sq.Cm	117000	0.33	Paise thirty three only
25	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 12.5HP to 15 HP Star Delta Starter SERDED Rate	No.	5.00	11000.00	Rupees eleven thousand only
26	Earthwork excavation for pipeline trenches including deporting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boring poles at every 100 mtrs wherever necessary as directed in th following structure manhole. Page No. 01/ Item No.1.2.2 / PRED SR 2012-13 Hard Soil	Cum	585.00	150.00	Rupees one hundred fifty only
27	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and includng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the excavation Etc., Page No.1/ item No.3.4.2 b PRED SR 2012-13. 75 mm dia 6 KSC PVC pipe	Rmtr	1300.00	122.59	Rupees one hundred twenty two and paise fifty nine only
28	Refilling the basement and pipeline treanches with socleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs Page No. 3 / Item No. 1.6 / PRED SR 2012-13	Cum	585.00	60.87	Rupees sixty and paise eighty seven only
29	KSRB 13.6 3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 P. 92 / I.13.37 PWD SR 2016-17	Each	23	2175.00	Rupees two thousand one hundred seventy five only

K.S. Chowdareddy
Signature of the Contractor


Executive Engineer
Yelahanka Division
BBMP, Bengaluru-64.
Bruhat Bangalore Mahanagara Palike
BANGALORE - 560064